

# Remembering KD7TS

by ray cannon



Early Picture of Mike – Date Unknown



Mike and NU7Z – note date on photo  
and no antennas on Van yet.

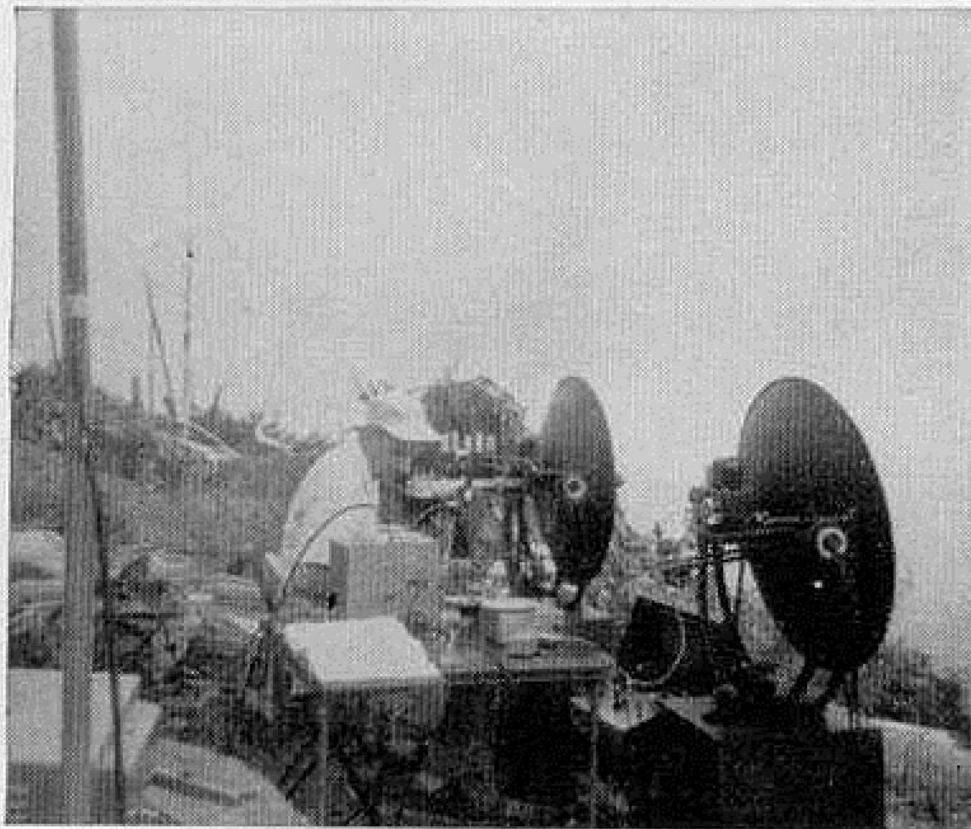
7.24.93



Rick W7RNB née NU7Z



Ernie W7LHL – friend of Mike and very active weak signal microwaver



Ernest Manly, W7LHL, operating the northern end of the 265-mile 10,000-Mc. circuit. The site was Green Mountain, Washington. W7JIP was on Marys Peak, Oregon, for the new record.

### *10,000 Mc. Record Broken*

On July 31 W7JIP/7 operating on top of Mary's Peak near Corvallis, Oregon, and W7LHL/7 on Green Mt. near Granite Falls, Washington, made a two-way contact on 10,000 Mc. at 0620 PST using A2. At 0624 PST they went to A3 and kept in contact until 0900 PST. This distance is 265½ miles. Ernie was assisted by W7PVZ, W7TWX, K7IPI, and his ten-year-old son, Jimmy.



1997 Mike doing 10 GHz sun noise measurement  
At W7LHL QTH



Mike pre VAN



Early Van Setup

# KD7TS at Home

- KD7TS in Des Moines WA
- 2 foot Offset Dish
- Az and El Control
- Microwave Gear at Antenna
- 1 Watts
- DB6NT Preamp





More recent trip with Dale KD7UO to Mount Burley



KD7TS trying to work KE0CO using Alinco  
HandiTalkie on 900 MHz



KD7TS trying to work KE0CO using Alinco HandiTalkie at dish focal point



KD7TS making contact with W7GLF on 24 GHz



W7GLF making contact with KD7TS on 24 GHz











K7MDL, KD7TS and W7GLF on Mt. Crag (it used to be a great spot before the gate). We were trying to work W7PUA on Mary's Peak – no joy.



Mike raising his antennas

It's not always ham radio – thanks Dale!





K7VHF – Mike and Dale



Mike in his second home



K7VHF Guest OP



10 GHz



K7VHF Mt Burley



# September VHF Contest

*In recognition of achieving a winning score by working fellow amateurs on designated Amateur Radio frequencies above 50 MHz during the contest period.*

This award is presented to

**KD7TS**

**SCORE: 14,455**

**WESTERN WASHINGTON SECTION  
SINGLE OPERATOR HIGH POWER**

**2014**

*Kay Craigie* **N3KN**  
President, ARRL

*[Signature]* **W1MSW**  
Contest Manager

# VHF



**ARRL** The national association for  
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# June VHF Contest

*In recognition of achieving a winning score by working fellow amateurs on designated Amateur Radio frequencies above 50 MHz during the contest period.*

This award is presented to

**KD7TS**

**SCORE: 18,971**

**WESTERN WASHINGTON SECTION  
SINGLE OPERATOR, HIGH POWER**

**2015**

*Ru Rolsink*

**K5UR**

President, ARRL

*Bart Jahnke*

**W9JJ**

Contest Manager

# VHF



**ARRL**

The national association for  
**AMATEUR RADIO®**

# September VHF Contest

*In recognition of achieving a winning score by working fellow amateurs on designated Amateur Radio frequencies above 50 MHz during the contest period.*

This award is presented to

**K7VHF**

(Ops: KD7TS, KD7UO, W7GLF)

**Score: 13,416**

**Unlimited Multioperator**

**1st Place Western Washington Section**

**7th Place W/VE**

**2017**

*Ron Rolink KSUR*

President, ARRL

*Bart Jahmke W9JJ*

Contest Manager

**Division  
Winner**

**VHF**



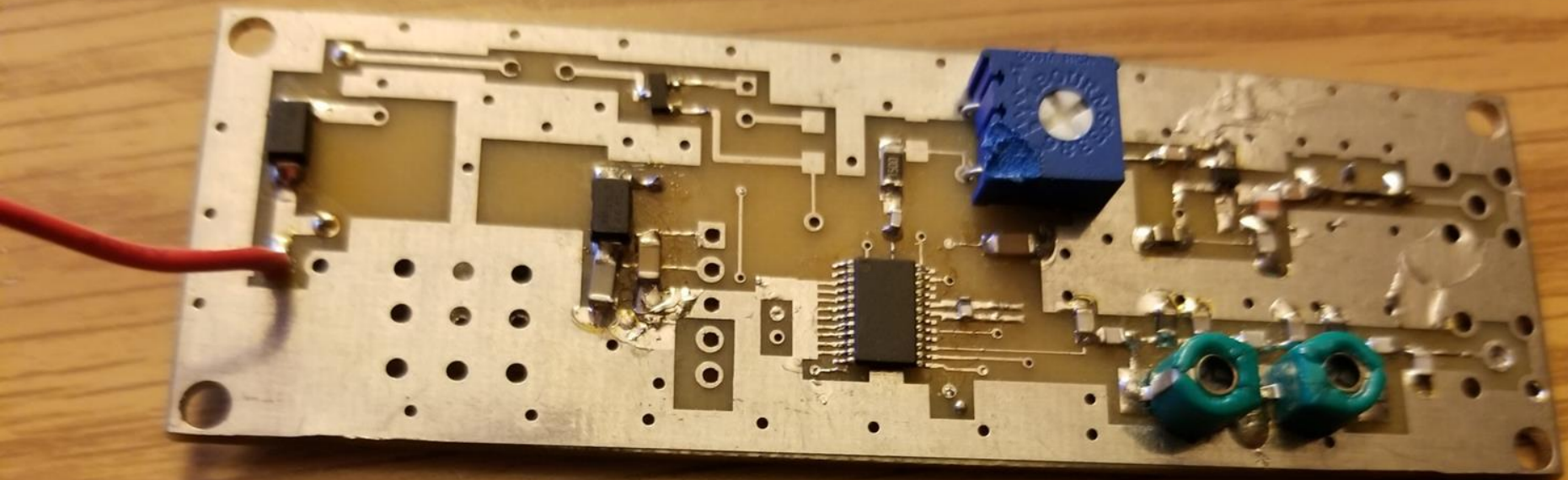
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3818 Group W7SZ, W7PUA, WA7NE, Guest, KD7TS, W7FU and W7CQ

# Mike's Synthesizer Design



# Links

- <http://pnwvhfs.org/conference/2005/10ghz-operation.html>
- <http://www.arrl.org/files/file/Technology/tis/info/pdf/030708qex003.pdf>
- <http://www.janbob.com/kd7ts/>